



**Stantec**

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July 1, 2008  
File: LV2008008

**Kentucky Office of the 911 Coordinator/CMRS Board**  
200 Mero Street  
Frankfort, KY 40622

**Attention: Mr. Ken Mitchell**

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit  
Hardin County E-911 Center  
P.O. Box 2482  
Elizabethtown, KY 42702-2482**

The Geospatial Audit of Hardin County E-911 Center located in Hardin County was conducted on 5/30/2008. Hardin County E-911 Center provides wireless 9-1-1 service for Hardin County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Hardin County E-911 Center meets this requirement.

#### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 95% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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**Reference: CMRS Geospatial Audit**

## CONCLUSION

Mapping Component	<b><u>Meets audit criteria</u></b>
Field Data Component	<b><u>Meets audit criteria with</u></b> 100% of points tested meeting criteria
Wireless Data Component	<b><u>Meets audit criteria with</u></b> 95% of calls tested meeting criteria

Based on the results of the audit, Hardin County E-911 Center meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

**Stantec Consulting Services Inc.**

James B. Morse  
GIS Project Manager  
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Attachment: Report Details

c. Files

j:\2008proj\lv2008008\_cmrs\merged summary letter.doc

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# PSAP Mapping Component Summary

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**PSAP Name** Hardin County E-911 Center

**Address** P.O. Box 2482

**Audit Date** 5/30/2008

**City** Elizabethtown

**Audit Personnel** MCCORMICKS

**Contact** Robert P. Hornback

**Contact Title** Director

Software	Version	Vendor
GEO SYNC	3.256	MAP SYNC

## Mapping Layers Used

**Road Centerlines:** ☒

**Point Addresses:** ☒

**Ortho Photography:** ☒

**Other Layers:** ☒ **Type of 'other' layers used by PSAP:**

The map has 21 layers- Address Points, EMS Agency, EMS Response, EMS Station, ESN, Fire Agency, Fire GP, Fire Report, Fire Response, Fire Station, Law Agency, Law Best, Law Districts, Law GP, Law Report, Law Response, Roads, Subdivisions, Parcels Planning

## Notes and Observations:

Observations and comments: (1) Fort Knox now has its own PSAP that covers only Fort Knox. Some callers find themselves split between Fort Knox and Hardin. Onetime the call will go to Fort Knox the next time it will go to Hardin County. (2) The PSAP has to deal with 4 telephone companies - Windstream, AT&T, Brandenburg LLC, and Brandenburg Telephone. Brandenburg very difficult to deal with, especially in obtaining information they should be routinely providing. Windstream is the main contact. (3) The audit process was more thorough and detailed than they thought it would be.

The map was last updated the week of 5/19/08. The map is updated weekly. The information collected by the full time mapping employee - Laurie Gass. The map is updated by Laurie Gass.

Dispatch Operator - Morgan Snyder obtained the x-y data information. All of the reaming Dispatch operators on shift - 4 - participated in the wireless calls